



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No: 28724/34520

**CONTINUING APPLICATION TRANSMITTAL UNDER 37 CFR 1.53(b)**

**Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231**

*#2/Pre/a*

Sir:

This is a request under 37 CFR 1.53 for filing a

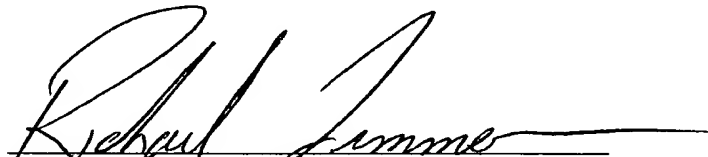
- ☒ continuation application.  
☐ divisional application.

**1. Particulars of Prior Application**

Application Serial No: 08/723,504  
Filed on: September 30, 1996  
Title: Medical Perfusion System  
Art Unit: 3306  
Examiner: M. Mendez  
Prior Docket No.: 28724/33480

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this Continuing Application Transmittal Under 37 CFR 1.53(b) and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **February 26, 1998**, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EM118665145US.

  
Richard Zimmermann

*a*

2. This request is filed by:

1. Full Name of Inventor	Family Name Nazarian	First Given Name Richard	Second Given Name A.
Residence & Citizenship	City Golden Valley	State or Foreign Country Minnesota	Country of Citizenship United States
Post Office Address	Post Office Address P.O. Box 33427	City St. Paul	State & Zip Code/Country Minnesota 55133- 3427/USA
2. Full Name of Inventor	Family Name Smith	First Given Name Dirk	Second Given Name R.
Residence & Citizenship	City St. Paul	State or Foreign Country Minnesota	Country of Citizenship United States
Post Office Address	Post Office Address P.O. Box 33427	City St. Paul	State & Zip Code/Country Minnesota 55133- 3427/USA
3. Full Name of Inventor	Family Name Watts	First Given Name James	Second Given Name R.
Residence & Citizenship	City Woodbury	State or Foreign Country Minnesota	Country of Citizenship United States
Post Office Address	Post Office Address P.O. Box 33427	City St. Paul	State & Zip Code/Country Minnesota 55133- 3427/USA

- ☐ This application is being filed by less than all the inventors named in the prior application. An accompanying statement requests deletion of the name(s) of the person(s) who are not inventors of the invention being claimed in this application.

a

4. Full Name of Inventor	Family Name Kriewall	First Given Name Timothy	Second Given Name J.
Residence & Citizenship	City Castle Rock	State or Foreign Country Colorado	Country of Citizenship United States
Post Office Address	Post Office Address P.O. Box 33427	City St. Paul	State & Zip Code/Country Minnesota 55133- 3427/USA

5. Full Name of Inventor	Family Name Griewski	First Given Name Richard	Second Given Name A.
Residence & Citizenship	City Canton Township	State or Foreign Country Michigan	Country of Citizenship United States
Post Office Address	Post Office Address P.O. Box 33427	City St. Paul	State & Zip Code/Country Minnesota 55133- 3427/USA

### 3. Amendments

- ☒ Amend the specification by inserting before the first line the sentence:

--This is a <sup>divisional</sup> continuation of U.S. application Serial No. 08/723,504, filed September 30, 1996.

- ☒ Cancel claims 1-15 in the prior application before calculating the filing fee.
- ☐ A Preliminary Amendment is enclosed.
- ☐ The filing fee is based upon entry of the foregoing amendment(s) (if any).

### 4. Copy of Prior Application

The enclosed is a copy of the prior complete application, including the specification (with claims), drawings, the oath or declaration, and any amendments referred to in the oath or declaration filed to complete the prior application.

### 5. Incorporation By Reference

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under paragraph 4, above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

*a*

6. **Priority**

- ☐ Priority of application No. \_\_\_\_\_, filed on \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 USC 119.
- ☐ The certified copy(ies) was(were) filed in prior U.S. application Serial No. \_\_\_\_\_.
- ☐ The certified copy(ies) has(have) not been filed.

7. **Assignment**

- ☒ The prior application is assigned of record to Minnesota Mining and Manufacturing Company, and has been recorded at Reel No. 8451, Frame No. 0413.

8. **Small Entity Status**

- ☐ Verified statement(s) claiming small entity status is(are) attached.
- ☐ Small entity status has been established in the prior application and is still proper and desired.

9. **Fee Calculation**

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$395.00		\$790.00
TOTAL	2 - 20	= 0	X 11 =	\$--	X 82 =	\$--
INDEP.	1 - 3	= 0	X 41 =	\$--	X 82 =	\$--
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 135 =	\$--	+ 270 =	\$
Filing Fee:				\$--	OR	\$790.00

10. **Method of Payment of Fees**

- ☒ Attached is a check in the amount of: \$790.00
- ☐ Charge Deposit Account No. 13-2855 in the amount of: \$ \_\_\_\_\_  
A copy of this Transmittal is enclosed.

a

1. **Introduction**  
 2. **Background**  
 3. **Methodology**  
 4. **Results**  
 5. **Discussion**  
 6. **Conclusion**  
 7. **References**  
 8. **Appendix**  
 9. **Figure 1**  
 10. **Figure 2**  
 11. **Figure 3**  
 12. **Figure 4**  
 13. **Figure 5**  
 14. **Figure 6**  
 15. **Figure 7**  
 16. **Figure 8**  
 17. **Figure 9**  
 18. **Figure 10**  
 19. **Figure 11**  
 20. **Figure 12**  
 21. **Figure 13**  
 22. **Figure 14**  
 23. **Figure 15**  
 24. **Figure 16**  
 25. **Figure 17**  
 26. **Figure 18**  
 27. **Figure 19**  
 28. **Figure 20**  
 29. **Figure 21**  
 30. **Figure 22**  
 31. **Figure 23**  
 32. **Figure 24**  
 33. **Figure 25**  
 34. **Figure 26**  
 35. **Figure 27**  
 36. **Figure 28**  
 37. **Figure 29**  
 38. **Figure 30**  
 39. **Figure 31**  
 40. **Figure 32**  
 41. **Figure 33**  
 42. **Figure 34**  
 43. **Figure 35**  
 44. **Figure 36**  
 45. **Figure 37**  
 46. **Figure 38**  
 47. **Figure 39**  
 48. **Figure 40**  
 49. **Figure 41**  
 50. **Figure 42**  
 51. **Figure 43**  
 52. **Figure 44**  
 53. **Figure 45**  
 54. **Figure 46**  
 55. **Figure 47**  
 56. **Figure 48**  
 57. **Figure 49**  
 58. **Figure 50**  
 59. **Figure 51**  
 60. **Figure 52**  
 61. **Figure 53**  
 62. **Figure 54**  
 63. **Figure 55**  
 64. **Figure 56**  
 65. **Figure 57**  
 66. **Figure 58**  
 67. **Figure 59**  
 68. **Figure 60**  
 69. **Figure 61**  
 70. **Figure 62**  
 71. **Figure 63**  
 72. **Figure 64**  
 73. **Figure 65**  
 74. **Figure 66**  
 75. **Figure 67**  
 76. **Figure 68**  
 77. **Figure 69**  
 78. **Figure 70**  
 79. **Figure 71**  
 80. **Figure 72**  
 81. **Figure 73**  
 82. **Figure 74**  
 83. **Figure 75**  
 84. **Figure 76**  
 85. **Figure 77**  
 86. **Figure 78**  
 87. **Figure 79**  
 88. **Figure 80**  
 89. **Figure 81**  
 90. **Figure 82**  
 91. **Figure 83**  
 92. **Figure 84**  
 93. **Figure 85**  
 94. **Figure 86**  
 95. **Figure 87**  
 96. **Figure 88**  
 97. **Figure 89**  
 98. **Figure 90**  
 99. **Figure 91**  
 100. **Figure 92**  
 101. **Figure 93**  
 102. **Figure 94**  
 103. **Figure 95**  
 104. **Figure 96**  
 105. **Figure 97**  
 106. **Figure 98**  
 107. **Figure 99**  
 108. **Figure 100**  
 109. **Figure 101**  
 110. **Figure 102**  
 111. **Figure 103**  
 112. **Figure 104**  
 113. **Figure 105**  
 114. **Figure 106**  
 115. **Figure 107**  
 116. **Figure 108**  
 117. **Figure 109**  
 118. **Figure 110**  
 119. **Figure 111**  
 120. **Figure 112**  
 121. **Figure 113**  
 122. **Figure 114**  
 123. **Figure 115**  
 124. **Figure 116**  
 125. **Figure 117**  
 126. **Figure 118**  
 127. **Figure 119**  
 128. **Figure 120**  
 129. **Figure 121**  
 130. **Figure 122**  
 131. **Figure 123**  
 132. **Figure 124**  
 133. **Figure 125**  
 134. **Figure 126**  
 135. **Figure 127**  
 136. **Figure 128**  
 137. **Figure 129**  
 138. **Figure 130**  
 139. **Figure 131**  
 140. **Figure 132**  
 141. **Figure 133**  
 142. **Figure 134**  
 143. **Figure 135**  
 144. **Figure 136**  
 145. **Figure 137**  
 146. **Figure 138**  
 147. **Figure 139**  
 148. **Figure 140**  
 149. **Figure 141**  
 150. **Figure 142**  
 151. **Figure 143**  
 152. **Figure 144**  
 153. **Figure 145**  
 154. **Figure 146**  
 155. **Figure 147**  
 156. **Figure 148**  
 157. **Figure 149**  
 158. **Figure 150**  
 159. **Figure 151**  
 160. **Figure 152**  
 161. **Figure 153**  
 162. **Figure 154**  
 163. **Figure 155**  
 164. **Figure 156**  
 165. **Figure 157**  
 166. **Figure 158**  
 167. **Figure 159**  
 168. **Figure 160**  
 169. **Figure 161**  
 170. **Figure 162**  
 171. **Figure 163**  
 172. **Figure 164**  
 173. **Figure 165**  
 174. **Figure 166**  
 175. **Figure 167**  
 176. **Figure 168**  
 177. **Figure 169**  
 178. **Figure 170**  
 179. **Figure 171**  
 180. **Figure 172**  
 181. **Figure 173**  
 182. **Figure 174**  
 183. **Figure 175**  
 184. **Figure 176**  
 185. **Figure 177**  
 186. **Figure 178**  
 187. **Figure 179**  
 188. **Figure 180**  
 189. **Figure 181**  
 190. **Figure 182**  
 191. **Figure 183**  
 192. **Figure 184**  
 193. **Figure 185**  
 194. **Figure 186**  
 195. **Figure 187**  
 196. **Figure 188**  
 197. **Figure 189**  
 198. **Figure 190**  
 199. **Figure 191**  
 200. **Figure 192**  
 201. **Figure 193**  
 202. **Figure 194**  
 203. **Figure 195**  
 204. **Figure 196**  
 205. **Figure 197**  
 206. **Figure 198**  
 207. **Figure 199**  
 208. **Figure 200**  
 209. **Figure 201**  
 210. **Figure 202**  
 211. **Figure 203**  
 212. **Figure 204**  
 213. **Figure 205**  
 214. **Figure 206**  
 215. **Figure 207**  
 216. **Figure 208**  
 217. **Figure 209**

**Please direct all future communications to Martin J. Hirsch, at the address below.**

**By:**

February 26, 1998

a